

- 67 -

## ABSTRACT

To provide an assist transportation device capable of properly communicating a reaction force to a worker due to contact without damaging any product and obstacle even if the product contacts the obstacle under work. The assist transportation device for reducing a load applied to the worker when the worker operates transportation means to transport an instrument panel P includes instrument panel holding means 27 for holding the instrument panel P, floating mechanism 30 set to the connection portion between the instrument panel holding means 27 and the transportation means, displacement sensor 61 for detecting the displacement value of the floating mechanism 30, and position instruction computing portion 62 for computing the displacement value detected by the displacement sensor 61 to calculate a reaction force, in which the reaction force is transferred to the worker operating the transportation means.